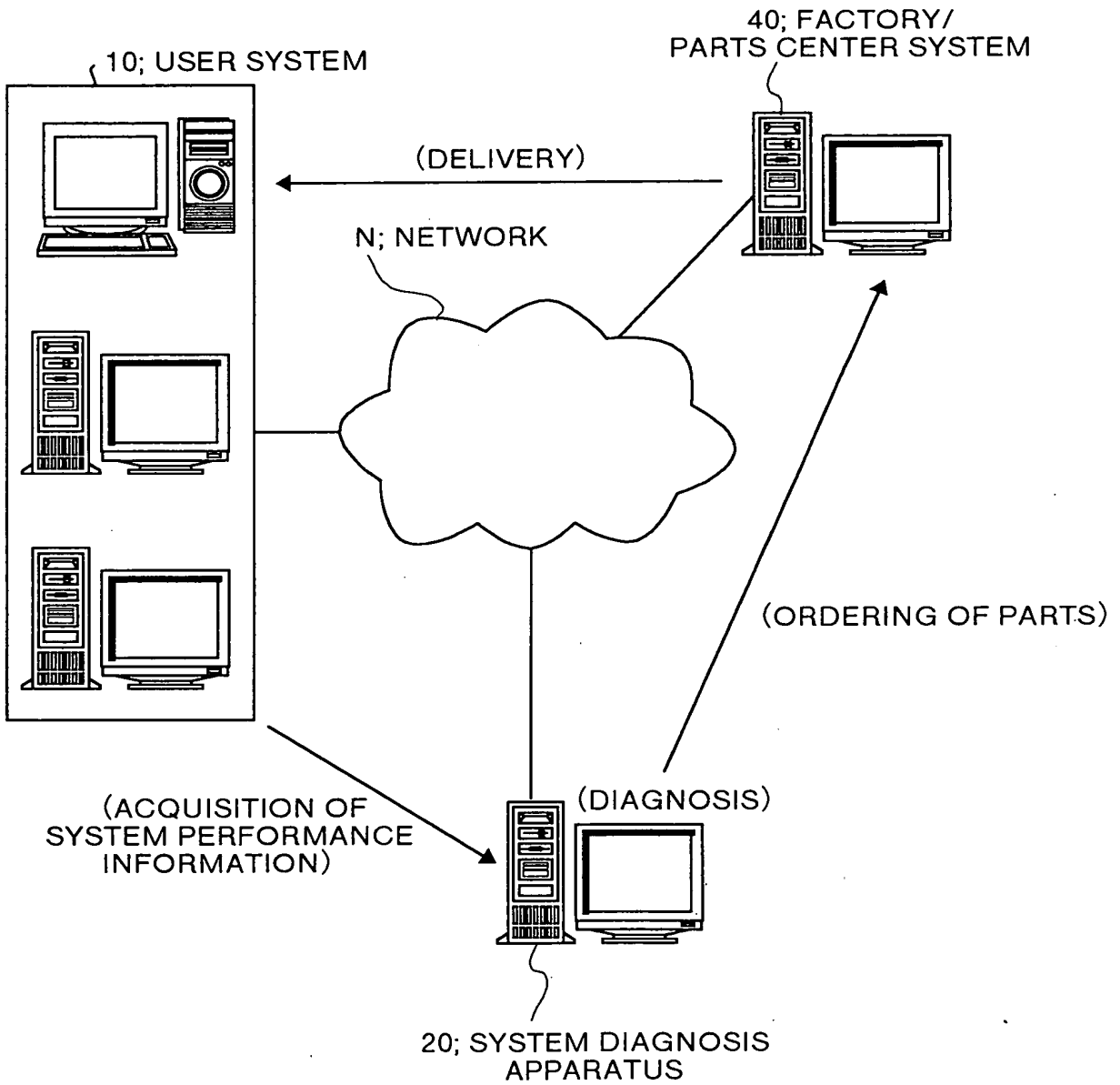


FIG.1



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FIG.2A

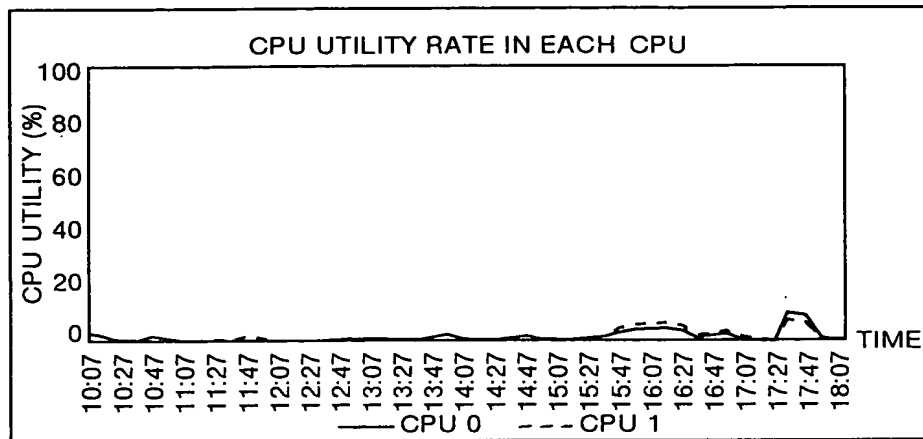


FIG.2B

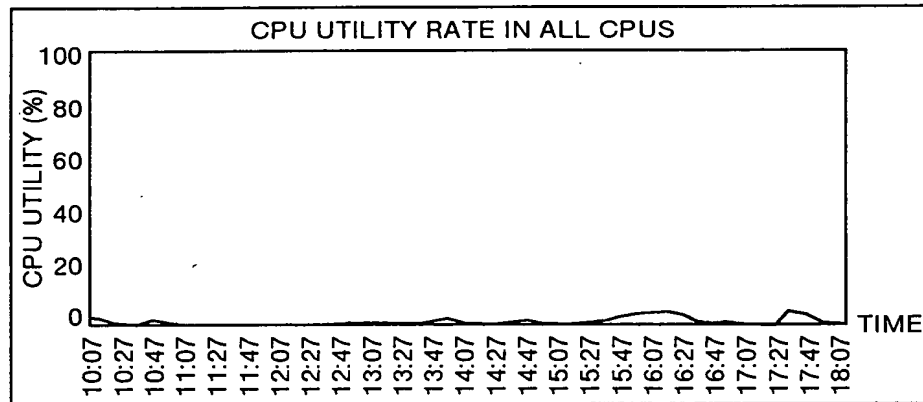


FIG.2C

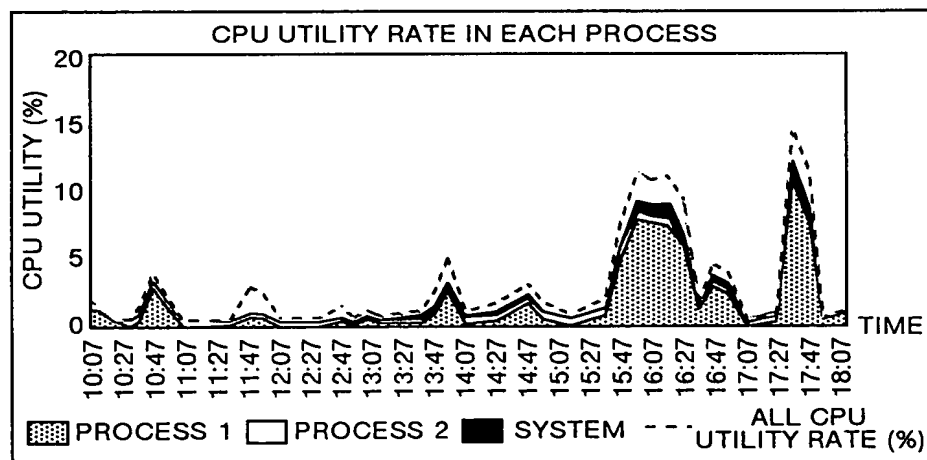


FIG.3A

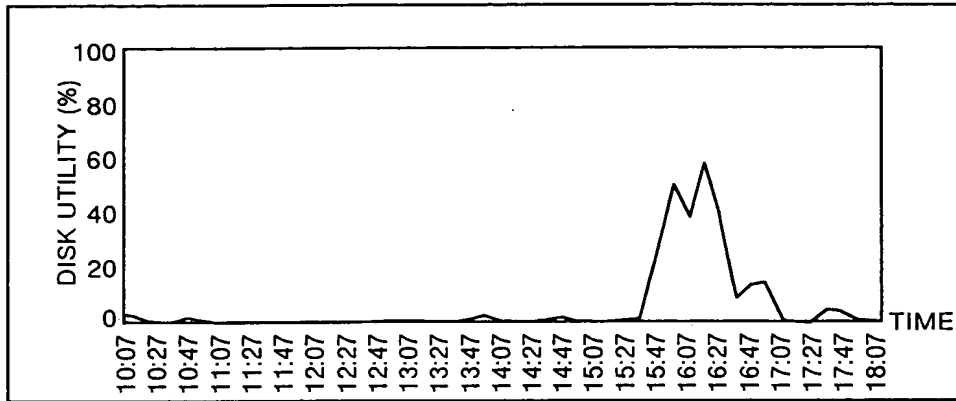


FIG.3B

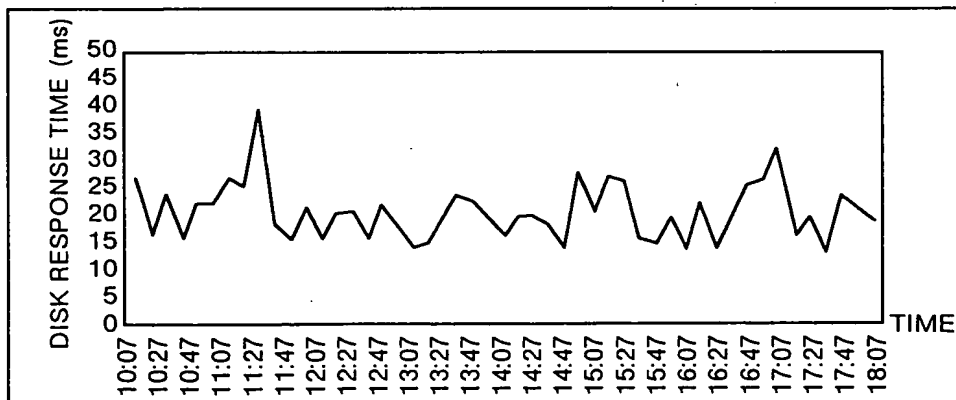


FIG.4

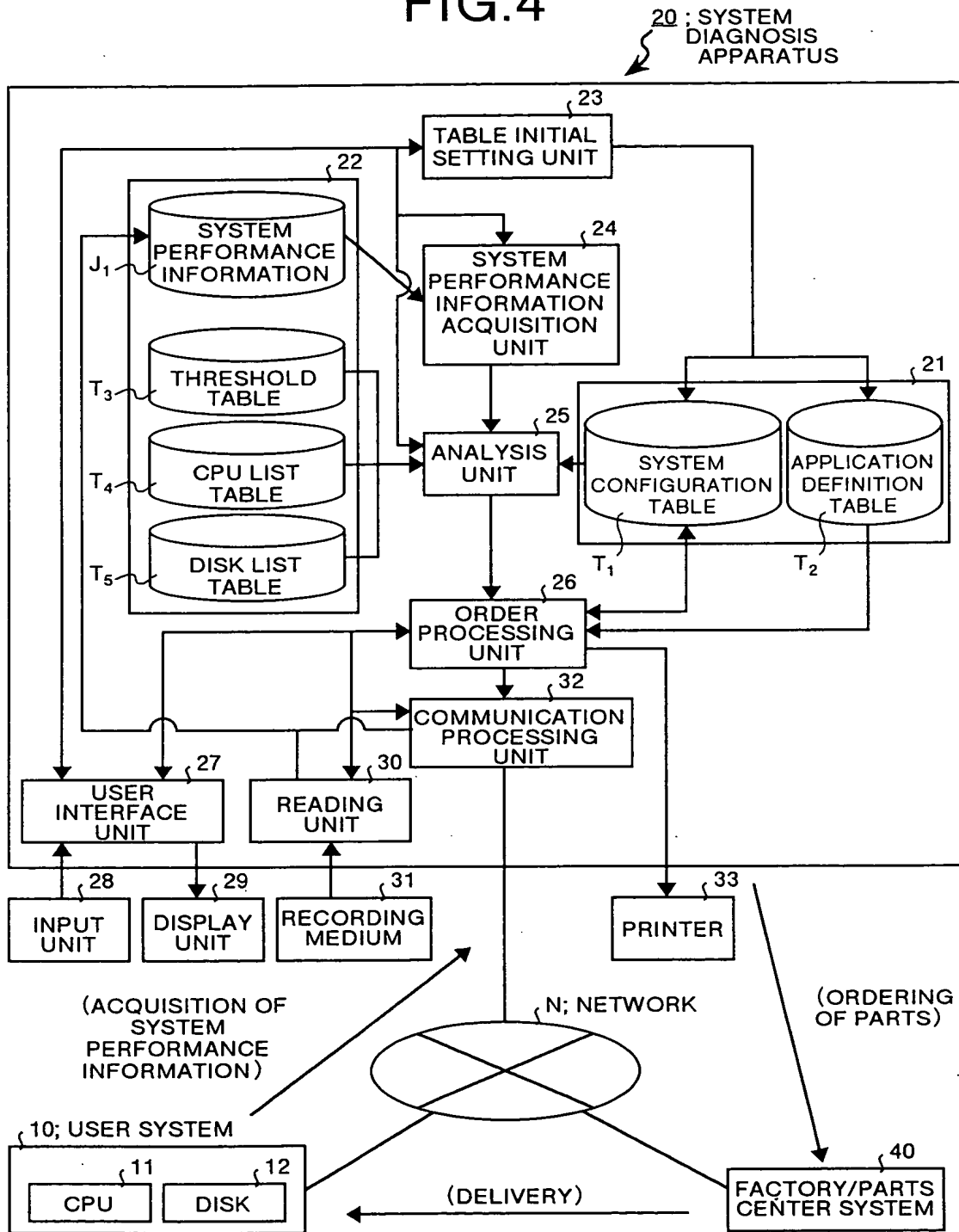


FIG.5

J₁ SYSTEM PERFORMANCE INFORMATION

	CPU UTILITY RATE (%)	EXECUTION QUEUE FOR CPU (PCS)	DISK UTILITY RATE (%)	DEMAND QUEUE FOR DISK	DISK RESPONSE TIME (ms)
10:00:00	30	0	10	3	30
10:10:00	35	0	80	5	67
10:20:00	30	0	77	8	70
10:30:00	84	3	30	1	34
10:40:00	90	4	30	0	20
10:50:00	97	6	22	1	19
⋮	⋮	⋮	⋮	⋮	⋮
12:00:00	93	7	13	0	22
12:10:00	70	4	8	0	33
AVERAGE	84	3	43	1	32

CPU PERFORMANCE INFORMATION DISK PERFORMANCE INFORMATION

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FIG.6

T₁:SYSTEM CONFIGURATION TABLE

MACHINE ID	MOUNTED CPU INFORMATION				MOUNTED DISK INFORMATION			APPLICATION INFORMATION	CPU UPGRADE RECOMMEND INFORMATION		DISK UPGRADE RECOMMEND INFORMATION		CPU ORDER INFORMATION		DISK ORDER INFORMATION	
	NO. OF MOUNTABLE CPUS	CPU MODEL NAME	CPU PERFORMANCE (CLOCK FREQUENCY, MHZ)	NO. OF CPUS MOUNTED	DISK MODEL NAME	DISK PERFORMANCE (ROTATING SPEED,RPM)	NO. OF DISKS MOUNTED		CPU MODEL NAME	NO.OF CPUS	DISK MODEL NAME	NO.OF DISKS	CPU MODEL NAME	NO.OF CPUS ORDERED	DISK MODEL NAME	NO.OF DISKS ORDERED
A	2	SPII	233	1	SG2	5500	1	MAIL SERVER			SG2	2			SG2	1
B	4	PTT	200	2	AL2	7200	3	PRINTER SERVER	PTT	3			PTT	1		
C	2	ZZ2	400	2	SGS	10000	5	JOB SERVER	ZZ3	2	SGS	7	ZZ3	2	SGS	2
D	1	AM2	133	1	SG1	4500	2	PERSONAL TERMINAL	PTT	1	AL2	1				



APPLICATION INFORMATION	UPGRADING FLAG
MAIL SERVER	1
PRINTER SERVER	1
FTP SERVER	0
JOB SERVER	1
PERSONAL TERMINAL	0

FIG. 7A



No.	RESOURCE	PARAMETER	THRESHOLD
1	CPU	CPU UTILITY RATE	a (%)
2	CPU	LENGTH OF EXECUTION QUEUE FOR CPU	b (PCS)
3	DISK	DISK UTILITY RATE	x (%)
4	DISK	LENGTH OF DEMAND QUEUE FOR DISK	y (PCS)
5	DISK	DISK RESPONSE TIME	z (ms)

FIG. 7B

T₄: CPU LIST TABLE



No.	CPU MODEL NAME	CPU PERFORMANCE (CLOCK FREQUENCY, MHz)
1	AM2	133
2	PTT	200
3	SPII	233
4	ZZ1	300
5	ZZ2	400
6	ZZ3	500

FIG.7C

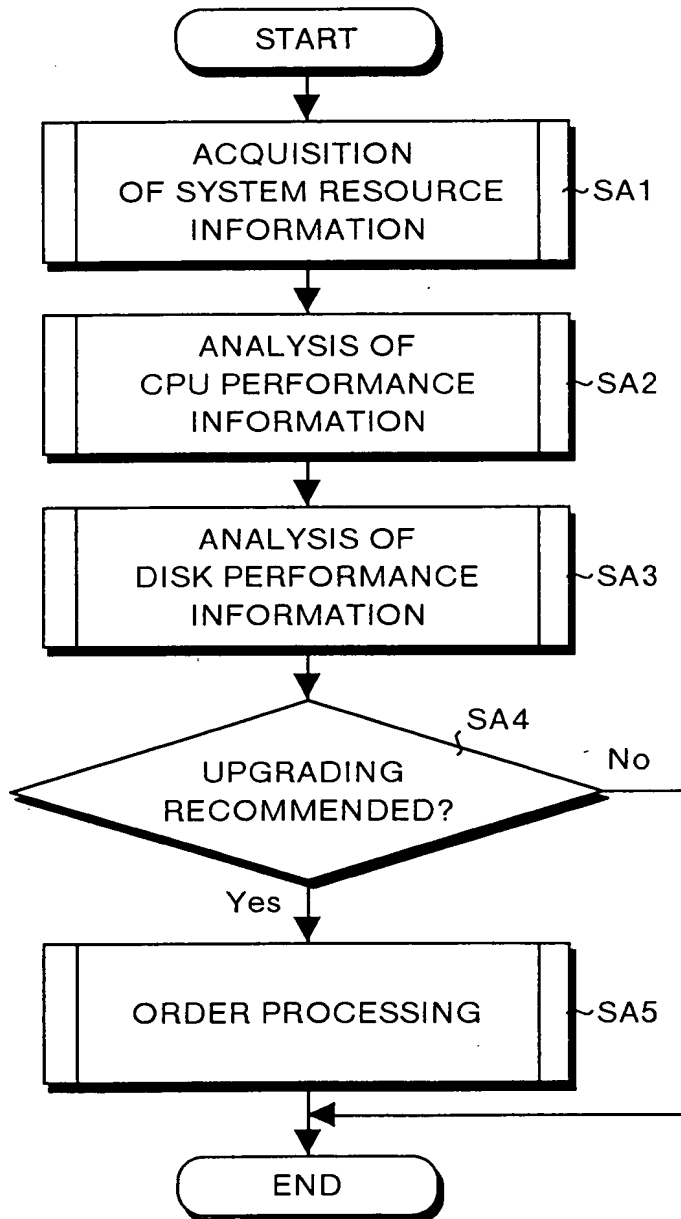
T₅: DISK LIST TABLE



No.	DISK MODEL NAME	DISK PERFORMANCE (ROTATING SPEED,RPM)
1	SG1	4500
2	SG2	5500
3	AL2	7200
4	SGS	10000

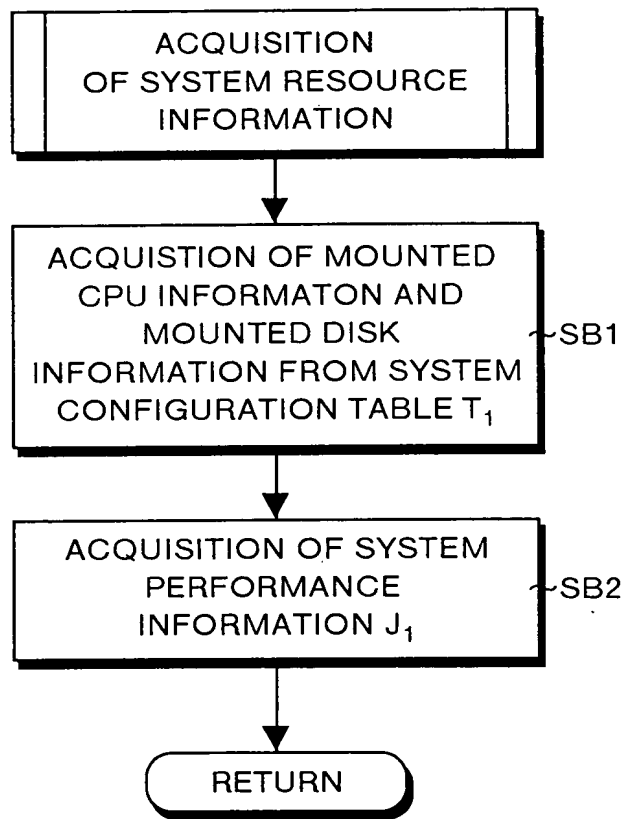
FIG.7D

FIG.8



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FIG.9



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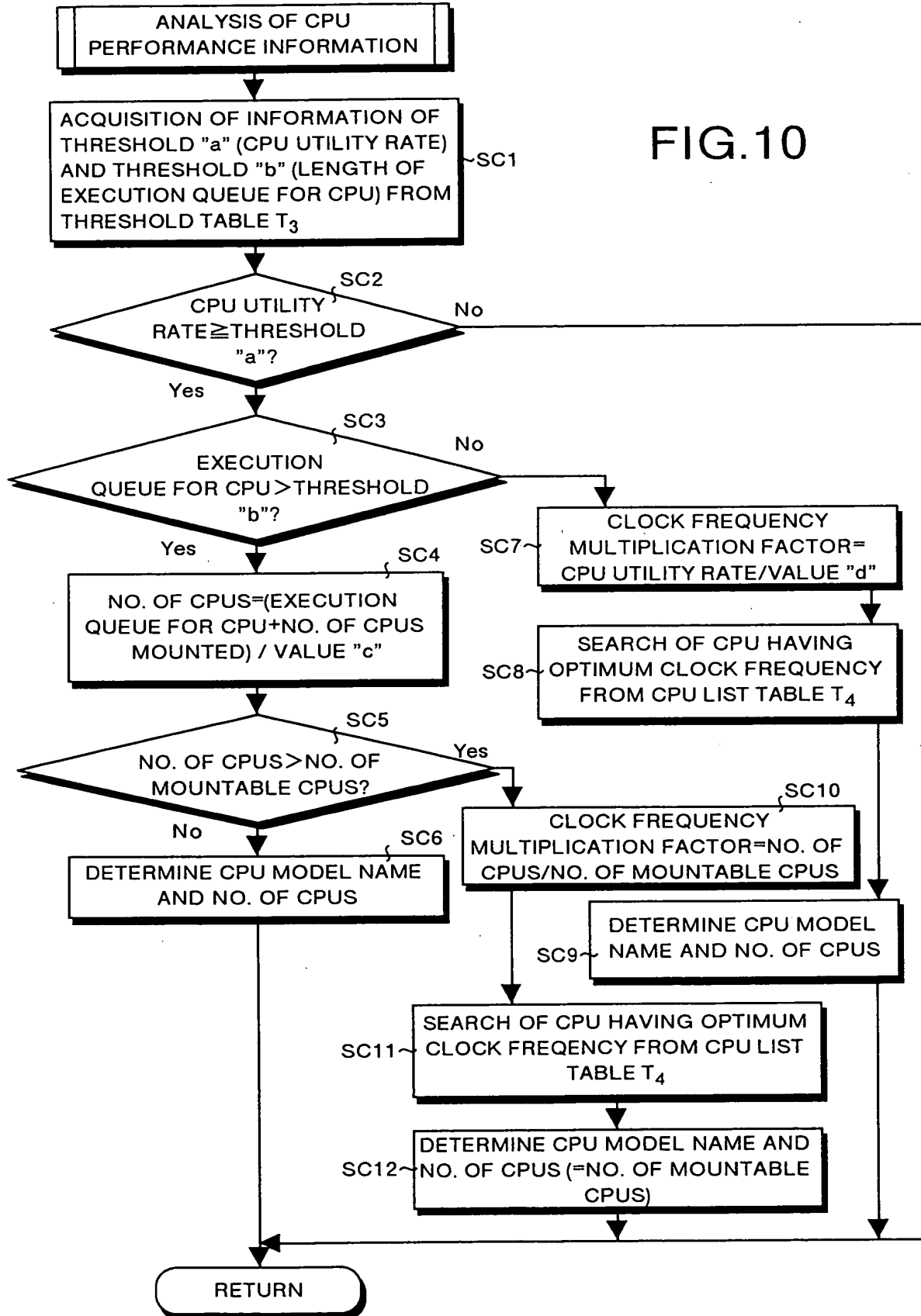
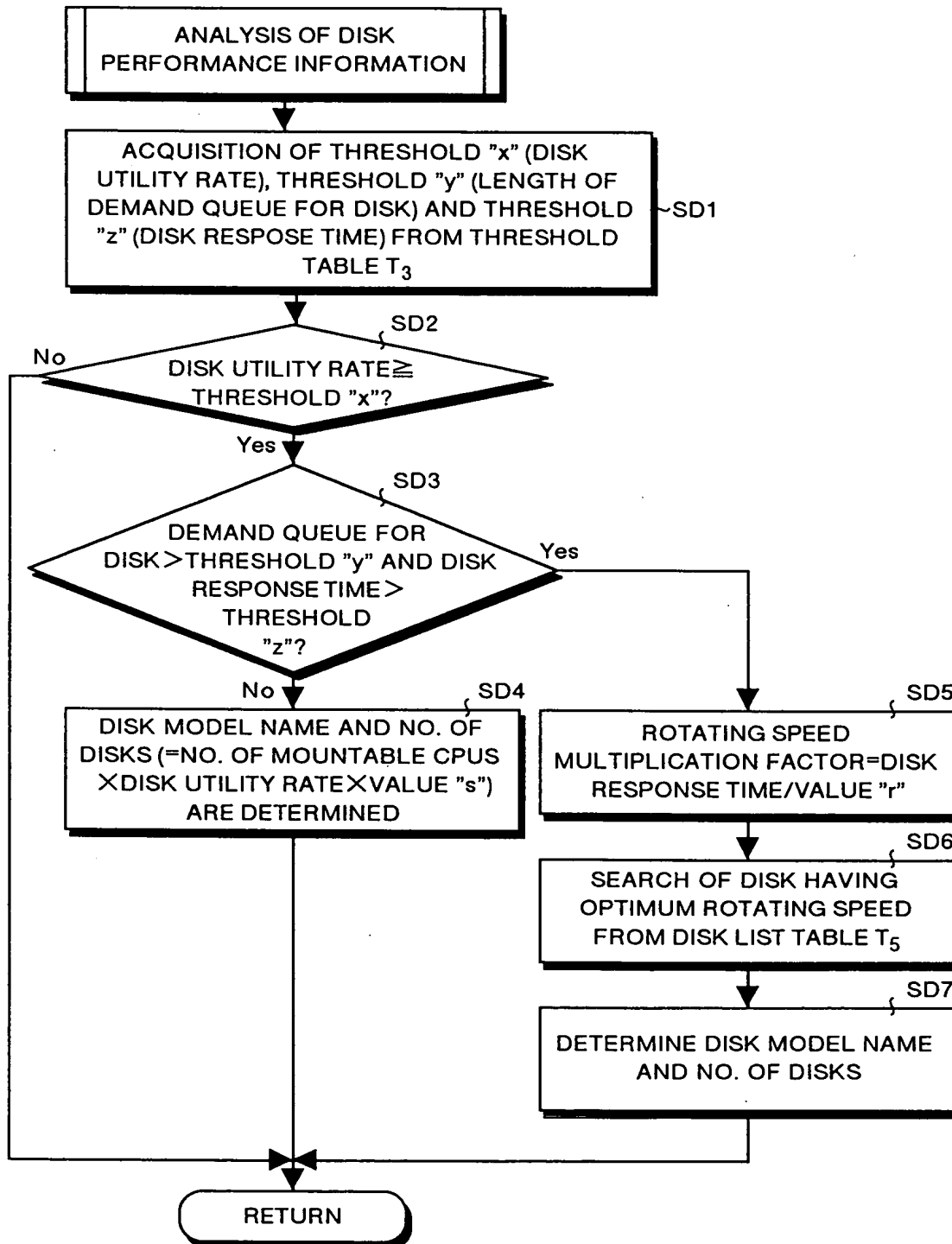
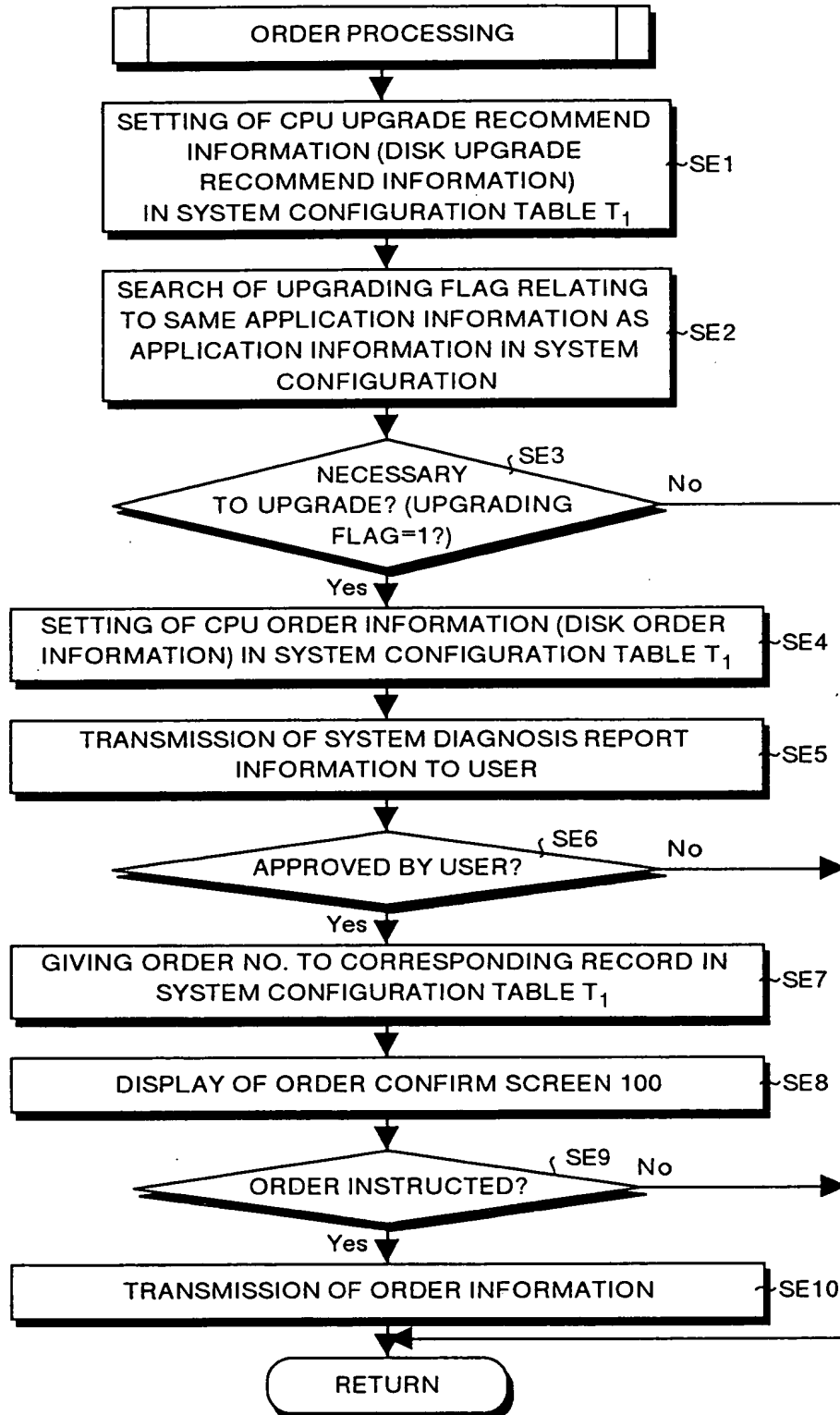


FIG.11



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FIG.12



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FIG.13

TO ABC COMPANY

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JUNE 25, 1999
F COMPANYSYSTEM DIAGNOSIS REPORT

1. SYSTEM DIAGNOSIS SUBJECT

CUSTOMER NAME:

ABC COMPANY

DATA OF DIAGNOSIS:

JUNE 16, 1999; THURSDAY, 9:57 TO 18:07

HARDWARE

COMPUTER NAME	GPSVR
MODEL NAME	DEF OF F COMPANY
CPU	ZZ2 400MHzX2
MEMORY	64MB
DISK	5 UNITS
NETWORK	100BASE-TX

SOFTWARE



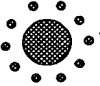



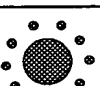

OS	GHI
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FIG.14

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2. SYSTEM DIAGNOSIS RESULT

RESOURCE	JUNE 16				
	MORNING 08:00~12:00	AFTERNOON 12:00~18:00	EVENING 18:00~24:00	NIGHT 00:00~08:00	MORNING 08:00~12:00
CPU			—	—	—
MEMORY			—	—	—
DISK			—	—	—
NETWORK			—	—	—

【LEGEND】





MARK	MEANING
	NO PROBLEM IN PERFORMANCE. CONTINUE TO USE AS USUAL.
	NEEDS CONTINUED DIAGNOSIS. CARE IS NEEDED WHEN EXPANDING BUSINESS.
	PROBLEM FOUND IN PERFORMANCE. CONFORM TO TUNING ADVICE.
—	NO DATA SAMPLED THIS TIME.

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FIG.15

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3. PROBLEM AND TUNING ADVICE

RESOURCE	PROBLEM	TUNING ADVICE
CPU	INCREASED CPU UTILITY RATE.	RECOMMEND TO INCREASE CLOCK SPEED OF CPU. CHANGE FROM PRESENT 400MHzX2 TO 500MHzX2.
MEMORY		
DISK	DISK LOAD INCREASED DUE TO PAGING.	DISK LOAD CAN BE REDUCED BY ADDING TWO DISKS.
NETWORK		

【LEGEND】

MARK	MEANING
	NO PROBLEM.
—	NOT DIAGNOSED THIS TIME.

FOR INQUIRY ABOUT REPORT,CONTACT:
 F COMPANY
 PERSON IN CHARGE :
 YOSHIMURA OR NOMURA
 TELEPHONE : XXX-XXX-XXXX

001020"69036450

FIG.16

100;ORDER CONFIRM SCREEN

ORDER NO.JJ1999080512

	CPU MODEL NAME	QUANTITY
<input checked="" type="checkbox"/>	PTT	1
<input type="checkbox"/>	ZZ3	2

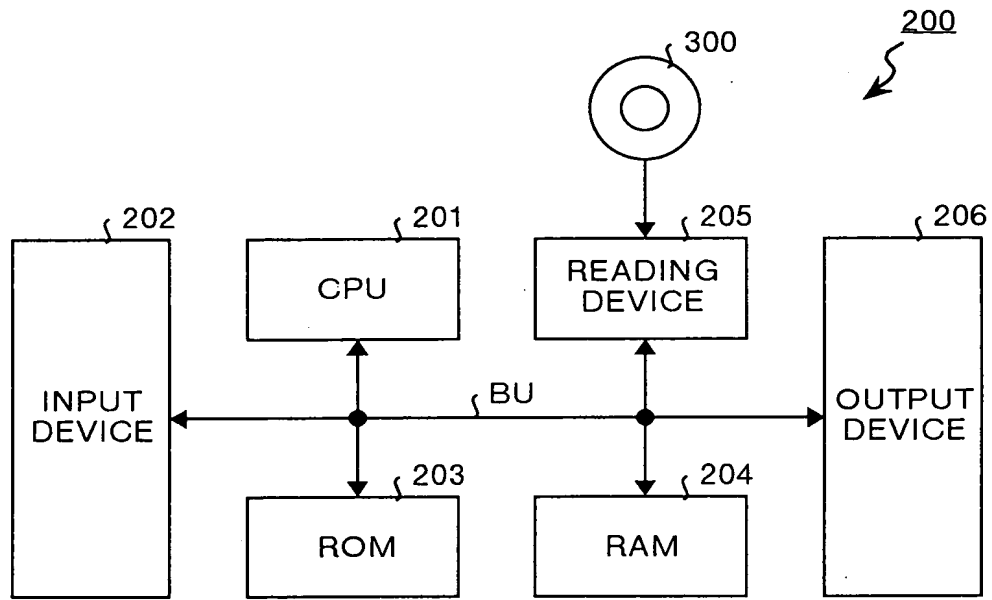
	DISK MODEL NAME	QUANTITY
<input checked="" type="checkbox"/>	SG2	1
<input type="checkbox"/>	SGS	2

CONFIRM THE ORDER ?

101 102

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FIG.17



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